

Converting Colors

CIELCh(79, 34.275, 221.547)

Have a look what the booklet for
CIELCh(79, 34.275, 221.547)
contains.

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Color

CIELCh(79, 34.250, 221.587)

Conversions

Conversions Part 1

Format	Color
Hex	5DD3ED
RGB	93, 211, 237
RGB Percent	36%, 83%, 93%
CMY	0.6360, 0.1732, 0.0712
CMYK	0.61, 0.11, 0.00, 0.07
HSL	191°, 80%, 65%
HSV	191°, 61%, 93%
XYZ	43.0096, 54.9284, 88.3270
YIQ	178.6820, -78.6740, -16.9300

Conversions

Conversions Part 2

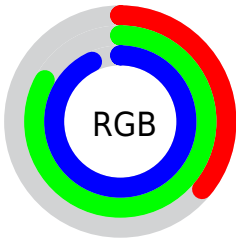
Format	Color
R_{YB}	93, 158, 237
Decimal	6149101
CIE _{Lab}	79.00, -25.62, -22.73
CIE _{LCh}	79, 34.250, 221.587
Yxy	54.9284, 0.2309, 0.2949
Android (android.graphics.Color)	4284339181 (0xFF5DD3ED)
YUV	178.6820, 28.7508, -75.1431
Hunter-Lab	74.1137, -26.1119, -18.7809

Details

The CIELCh color **79, 34.250, 221.587** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **63, 55.915, 39.126**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.658, 197.530**, and **59, 33.798, 222.068** is the 20% darker color. If you saturate the color by 10%, you get **77, 37.242, 223.432**, and if you desaturate by 10%, it is **81, 30.368, 220.177**.

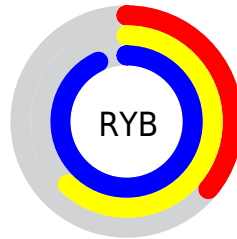
Distribution



Red (36%)

Green (83%)

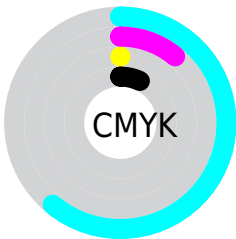
Blue (93%)



Red (36%)

Yellow (62%)

Blue (93%)

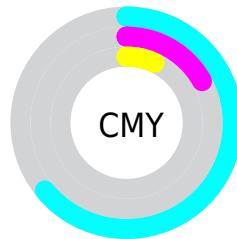


Cyan (61%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (64%)


Magenta (17%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 34.250, 221.587 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 79, 34.250, 221.587 by changing the saturation by 10% instead.


 79, 34.250,
221.587

 79, 34.250,
221.587

 100, 34.250,
221.587

 69, 34.250,
221.587


 99, 34.250,
221.587

 59, 34.250,
221.587

 49, 34.250,
221.587

 39, 34.250,
221.587

 29, 34.250,
221.587

 19, 34.250,
221.587

 9, 34.250, 221.587

0, 34.250, 221.587

79, 34.250,
221.587

79, 34.250,
221.587

77, 37.242,
223.432

81, 30.368,
220.177

75, 39.341,
225.795

83, 25.658,
219.128

74, 40.622,
228.742

86, 20.214,
218.372

73, 41.283,
231.925

88, 14.146,
217.852

91, 7.567, 217.540

93, 0.582, 218.316

96, 5.478, 41.066

■ 97, 5.480, 69.089

■ 98, 6.644, 91.786

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79, 34.250, 221.587



63, 55.915, 39.126

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 34.250, 221.587



79, 34.250, 271.587



79, 34.250, 41.587



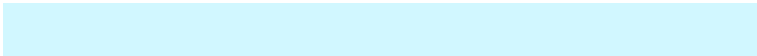
79, 34.250, 91.587

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79, 34.249, 221.586



95, 13.104, 217.746



84, 78.267, 143.507



50, 9.023, 217.860



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 34.249, 221.586



82, 40.022, 223.967



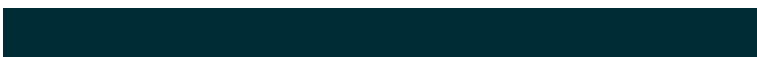
59, 54.817, 283.465



48, 3.961, 217.516



57, 33.733, 231.245



16, 14.425, 225.502

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62, 76.329, 333.884



62, 91.583, 334.812



79, 54.510, 82.854



46, 7.463, 330.411



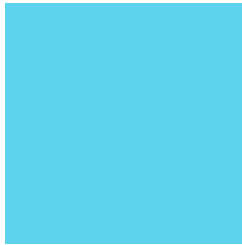
41, 77.664, 336.977



9, 33.931, 335.478

Previews

White Background



This preview shows how the CIE LCh color 79, 34.250, 221.587 looks on a white background.

Color Contrast Check

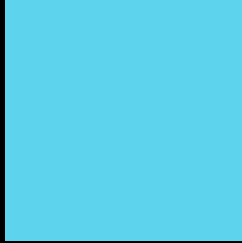
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 79, 34.250, 221.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

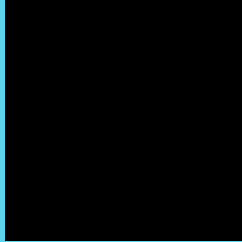
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 34.250, 221.587

Background



This preview shows how black text looks on a background with the CIELCh color 79, 34.250, 221.587.



This preview shows how white text looks on a background with the CIELCh color 79, 34.250, 221.587.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

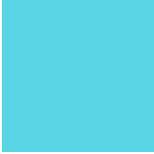
79, 34.250, 221.587

Protanopia

79, 17.146, 287.157

Deuteranopia

78, 27.316, 291.927

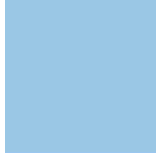


Tritanopia
79, 34.526, 212.616

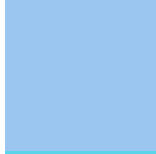
Trichromacy



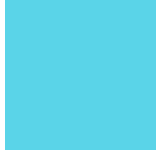
Original Color
79, 34.250, 221.587



Protanomaly
78, 21.117, 248.592



Deuteranomaly
78, 25.363, 259.355

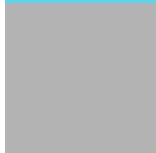


Tritanomaly
79, 34.468, 215.511

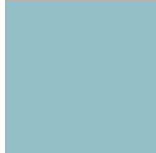
Monochromacy



Original Color
79, 34.250, 221.587



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 15.216, 217.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 34.250, 221.587 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(93, 211, 237)` looks like.

```
.text, #text, p{  
    color:rgb(93, 211, 237)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(93, 211, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 211, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 34.250, 221.587 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 211, 237) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(93, 211, 237) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(93, 211, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 211, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 211, 237);  
box-shadow:4px 4px 4px 4px rgb(93, 211,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 34.250, 221.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 211, 237) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(93, 211,  
237) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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